

Cohesity-Certified PXG2 Node

Pure Storage® FlashBlade//S™ with Cohesity® DataProtect™

Overview

Pure Storage FlashBlade//S and Cohesity DataProtect is a modern data protection solution featuring multi-layered security that defends data against ransomware, offers comprehensive workload coverage, and supports near-instant data recovery at multi-petabyte scale. It's an all-flash solution validated by both Pure Storage and Cohesity that provides a secure, performant, and simple backup and recovery solution for all of your enterprise data.

The solution includes three components:

- **Cohesity DataProtect** software: It provides a simple, comprehensive, enterprise-grade backup and recovery software for your on-premises, public cloud, and edge sites.
- **Pure Storage FlashBlade//S™**: The storage is provided by Pure Storage FlashBlade//S and the file systems are mounted to the FlashRecover//S compute nodes via NFS v3.
- **Cohesity-certified compute nodes**: Cohesity DataProtect runs on Cohesity-certified compute nodes (PXG2) for Pure Storage FlashBlade//S with Cohesity DataProtect with no local storage.



PXG2 front with top view



PXG2 rear view

Technical Specifications

PXG2 Nodes	Per Node	Per Block (4 Nodes)
Memory	256 GB	1024 GB
CPU	Two x86 each with 24-cores / 2.1 GHz	Eight x86 each with 24-cores / 2.1 GHz
Network Connectivity Options	10/25/40/100GbE 16/32G FC	10/25/40/100GbE 16/32G FC
Dimensions	Length: 648mm Width: 175.75mm Height: 41.15mm	2U EIA Rack Units Length: 810mm Width: 438mm Height: 87.5mm
Weight	11lbs/5kg	110.2lbs/50kg
Operating Environment	Pure Storage FlashBlade//S and Cohesity DataProtect	
Compliance	TAA	
Power Supply	2x redundant (1+1) 2000W PSUs, Titanium Efficiency	
Input Voltage Range	100 – 240 VAC / 50-60Hz 100 – 127V / 12 – 9.5A* 200 – 220V / 10 – 9.5A 220 – 230V / 10 – 9.8A 230 – 240V / 10 – 9.8A *Can only operate two nodes per block at 100-127V.	
Power Consumption	Average 223.75W (763.5 BTU/hr) Peak 422.5 (1441.75 BTU/hr)	Average 895W (3054 BTU/hr) Peak 1690W (5767 BTU/hr)
Operating Temperature	5 ~ 35°C (41 ~ 95°F) / 5% to 95% @ 35°C (non-condensing)	
Non Operating Temperature	-40 ~ 60°C (-40 ~ 140°F) / 5% to 95% @ 60°C (non-condensing)	
Emissions and Immunity	FCC Part 15, ICES-003, CE, VCCI, RCM	
Safety	UL/ cUL, CB	

Future-proof your investments with unparalleled security, performance, efficiency, scale, and simplicity with Pure Storage FlashBlade//S and Cohesity DataProtect. Learn more at www.cohesity.com/pure-storage.

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